

Supplementary Table 2. Comparison of RTVue 100-2 OCT used in our study with other spectral domain-OCT instruments

Type of SD-OCT(company)	Axial Resolution (μm)	A-Scans per Second	Features
RTVue-100 (Optovue)	5	26000	Point-to-point tracking with eye movement; high resolution of anterior segment imaging
Cirrus HD-OCT (Carl Zeiss Meditec)	5	27000	Fixation-independent scan adjustment; high resolution of anterior segment imaging
Spectralis (Heidelberg Engineering)	7	40000	Point-to-point tracking with eye movement; high digital resolution; 6 kinds of diagnostic methods; advanced choroidal pattern
3D-OCT 1000	6	18000	With no need for mydriasis and color fundus photographs can be acquired
Spectral OCT/SLO (OPKO/OTI)	5	27000	Point-to-point tracking with eye movement; high resolution of anterior segment imaging; precise macular measurement
SOCT Copernicus (Optopol)	6	25000	Point-to-point tracking with eye movement; high resolution of anterior segment imaging; more accurate layers of retina; judgement of the intraretinal cyst volume
SDOCT (Biotigen)	4	20000	Appropriate for pediatric patients and animal experiments; portable type; Doppler blood flow analysis of retina

Note: OCT stands for Optical coherence tomography.